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1. Create an array of 10 elements and print them using the for each loop.

public class ForEachLoop

{

public static void main(String[] args)

{

int arr[]= {1,2,3,4,5,6,7,8,9,10};

System.out.println("The array elements are : ");

for(int var:arr)

{

System.out.println(var);

}

}

}

A picture containing text, screenshot, monitor, computer

Description automatically generated

1. Take the number input from the console and add all the positive numbers. (not to consider the negative number if entered)

import java.io.\*;

class EvenSum

{

public static void main(String[] args)

{

int count=0;

int sum = 0;

outer:

for(int i=1;i<50;i++)

{

if(i%2!=0)

{

continue;

}

else if(i%2==0)

{

sum+=i;

count++;

if(count==10)

{

break outer;

}

}

}

System.out.println("Sum of first 10 even numbers"+"="+sum);

}

}

Text

Description automatically generated

1. Create a labeled break and write a simple logic and execute the program.

public class Break {

public static void main(String... ar)

{

int i=0;

loop1:

while(i<5)

{

if(i==2)

break loop1;

System.out.println("Hi");

i++;

}

System.out.println("Out of the loop");

}

}

A screenshot of a computer

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1. Do the addition of around 10 even numbers, but use the continue statement in the logic.

import java.io.\*;

class EvenSum

{

public static void main(String[] args)

{

int count=0;

int sum = 0;

outer:

for(int i=1;i<50;i++)

{

if(i%2!=0)

{

continue;

}

else if(i%2==0)

{

sum+=i;

count++;

if(count==10)

{

break outer;

}

}

}

System.out.println("Sum of first 10 even numbers"+"="+sum);

}

}

A screenshot of a computer

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